

POSITIONS, AREAS, AND COUNTS OF SUNSPOTS FOR OCTOBER 1945—Continued

PROVISIONAL RELATIVE SUNSPOT NUMBERS FOR OCTOBER 1945

Date	Eastern standard time	Mount Wilson group No.	Heliographic				Area of spot or group	Spot count	Plate quality	Observatory
			Difference in longitude	Longitude	Latitude	Distance from center of disk				
Oct. 30	11 m	(•)	°	°	°	°	G	U. S. Naval		
			—54	95	—24	60				
			—37	112	—17	43				
			—31	118	—16	36				
			—30	119	—16	36				
			—13	136	—24	31				
			—12	137	—27	33				
			+41	190	—39	57				
			+48	197	—39	61				
			+48	197	+20	50				
			+51	200	+18	53				
			+55	204	+18	57				
			(149)	(+5)						
							1,211	48		
81	11 20	F					Do.			
			—79	57	—23	80				
			—24	112	—19	33				
			—21	115	—18	30				
			—17	119	—16	25				
			—15	121	—16	24				
			0	136	—25	29				
			0	136	+21	17				
			+4	140	+21	17				
			+53	189	+40	67				
			+61	197	+19	61				
			+64	200	+39	73				
			+70	206	+18	70				
			(136)	(+4)			1,052	32		

Mean daily area for 30 days = 1,231

*Not numbered.

†Data from Mt. Wilson charts.

VG = very good; G = good; F = fair; P = poor.

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[Based on observations at Zurich except as indicated by an asterisk. Data furnished through the courtesy of Prof. W. Brunner, Swiss Federal Observatory, Zurich, Switzerland]

October 1945	Relative numbers	October 1945	Relative numbers	October 1945	Relative numbers
1-----	87	11-----	31	21-----	78
2-----	82	12-----	29	22-----	a51
3-----	82	13-----	41	23-----	89
4-----	aa67	14-----	47	24-----	76
5-----	70	15-----	d52	25-----	59
6-----	79	16-----	50	26-----	54
7-----	93	17-----	55	27-----	Mc79
8-----	71	18-----	71	28-----	86
9-----	71	19-----	98	29-----	68
10-----	64	20-----	96	30-----	65
				31-----	71

Mean, 31 days = 68.1

• Observed at Locarno.

a Passage of an average-sized group through the central meridian.

b Passage of a large group through the central meridian.

c New formation of a group developing into a middle-sized or large center of activity; E, on the eastern part of the Sun's disc; W, on the western part; M, in the central circle zone.

d Entrance of a large or average-sized center of activity on the east limb.

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